

Amendment and Response

Applicant: Thomas Kattwinkel

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Title: METHOD FOR DETERMINING A SYSTEM OPERATING STATE

IN THE SPECIFICATION

Please replace the paragraph beginning at page 3, line 27, with the following rewritten paragraph:

In one embodiment, to determine the presence of a specific operating state, use is made of a reference signal which has been generated from an analog reference signal representing the said operating state and is thus assigned to the operating state to be determined. If the comparison reveals that the transformation signal has significant correspondences to the reference signal, then the operating state represented by the reference signal is present in the system. Preferably In one case, the transformation signal is compared with a plurality of reference signals representing respectively different operating states, in order ~~in this way~~ to be able to distinguish between the different operating states of the system.